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30 September 1959

Notes on Project 34.1930

P. 2; Pp. 15-23

Meaning of the terms "specialized foundry" should be clarified. Are you using the term to refer to a separate industrial enterprise whose specialty is foundry work, or to distinguish a foundry doing general casting from one that specializes in certain types of castings?

P. 21

How did individual plant managers react to dependence on outside casting facilities?

P. 25, middle para., decrease in foundries, 1965/58

Shouldn't this be 15 to 25% as compared with 1958? See p. 17.

P. 27, 1st sent.

Is "planned expenditure" the best way to state this? Try: "anticipated requirements."

Pp. 27-28, extent to which non-sandmolding methods are used

Isn't this a considerable shift for 1 year? Is there a definitional problem in these two sets of data?

P. 31, l. 11

Since "mechanism" and "machinery" come from the same root, this appears to be an insufficient distinction. Could we say: "...use of simple mechanical aids, rather than elaborate machinery."

P. 32, bottom

"Must"?

P. 37, last line

Not an action, but a failure to act. See text.

P. 40, top line

What is a unit? Should we add: of foundry equipment?

P. 41, 4 ll. up

Plural

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P. 42, note

Of US design?

P. 44, note

Why bury the only recent production number in a footnote?

P. 46, end middle para.

Referring to increases is confusing.

These increases are difficult to reconcile with the 160 million ruble base given here and above, p. 44 n. Isn't the derived figure closer to 156 million rubles?

Table 4.

I would like this table to show percent increases over the previous year and suggest that a tabulation be added giving the average annual increases in tons of metal cast, which I derive as follows:

| Years | Cast Iron | Steel | Total |
|--------------|-----------|-------|-------|
| 1951-58 | 10.6 | 6.6 | 9.7 |
| 1959-65 Plan | 7.0 | 8.4 | 7.3 |

These figures should be checked. They appear to suggest that casting output has grown at a considerably slower rate than has the gross output of the machine building and metal working industry, for which the 1951-58 annual average was 15.9%.

The paper should also show the average annual growth rates implied by the 1965 goals for the production of foundry equipment. I figure these rates as 12.6% to 14.6% and note that they are well above the planned growth rates for casting output.

I also note that the ~~777~~ provides for a slower growth of iron castings and a more rapid increase in the output of steel castings as compared with the 1951-58 period. How do you interpret these figures in the light of (1) the "castings bottleneck"? (2) efforts to break the bottleneck by the establishment of specialized foundries as against the direct expansion of facilities?

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